

157149

Wednesday, February 15, 2017 8:54:40 AM

N900040100

Setup Start *NS1*

Stop *NS2*

20

20

DAS

Date:

Run Start *NR1*

Date:

Stop ***NR2***

[illegible]

Work Order ID 157149***157149***

Page 2

Wednesday, February 15, 2017 8:54:40 AM

Item ID: D3338-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Mounting Lug
Start Date: 2/15/2017 Start Qty: 20.00 ***20*** Cust Item ID:
Required Date: 3/6/2017 Req'd Qty: 20.00 ***20*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140 *140* HandFinish Hand Finishing	Chemical Conversion Coat per QSI005 4.1 Memo <i>N/A</i>	0.00 0.07 <i>DAS 38 9-89</i>							
150 *150* QC Quality Control	QC7-Inspect Chemical Conversion Coat Memo <i>N/A</i>	0.00 0.03 <i>DAS 38 9-89</i>							
160 *160* Powdercoat Powder Coating	White Gloss(Ref 4.3.5.1) per QSI005 4.3-Alum Memo START TIME: _____ OVEN TEMPERATURE: _____ FINISH TIME: _____ <i>N/A</i>	0.00 0.28 <i>DAS 38 9-89</i>							

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐								
Misidentified	☐	Past Due	☐	OTHER :							

157149

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N900040100

Setup Start *NS1*

Stop *NS2*

20

Cust Item ID:

20

Customer:

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Set Up/ Run Hours

Tool ID**Tool #****Plan
Code**

**Accept
Qty**

Reject
Qty

Reject Number

**Insp.
Stamp**

170

QC3- Inspect Part Finish

0.00

170

QC

Memo

0.07

Quality Control

180

Identify as per dwg & Stock Location: SFS 0.00

0.00

180

Packaging

Memo

0.03

Packaging

190

QC21- Final Inspection - Work Order Release

0.00

190

QC

Memo

0.33

Quality Control

DAS
21
9-89

MAR 10 2017

MAD 1 0 2017

Picklist Print

Wednesday, February 15, 2017 8:54:38 AM

Page 1

Work Order ID: 157149

157149

Parent Item: D3338-1

D3338-1

Parent Item Name: Mounting Lug

Start Date: 2/15/2017

Required Date: 3/6/2017

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP: A05.02.09New issue KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2423		Manufactured	No			110	f	384.5345	0.07	1.473684	DAS 13 9-59	FEB 15 2017	
D2423									**				

Lug Extrusion

Location

Loc Qty

Loc Code

Metec

384.5345307

127892

36.5122647

131451

74.753451

148835

273.268815

D3338-1P

Purchased

No

110

Each

0.0000

1

20

D3338-1P

Mounting Lug

20x 8017-03-8

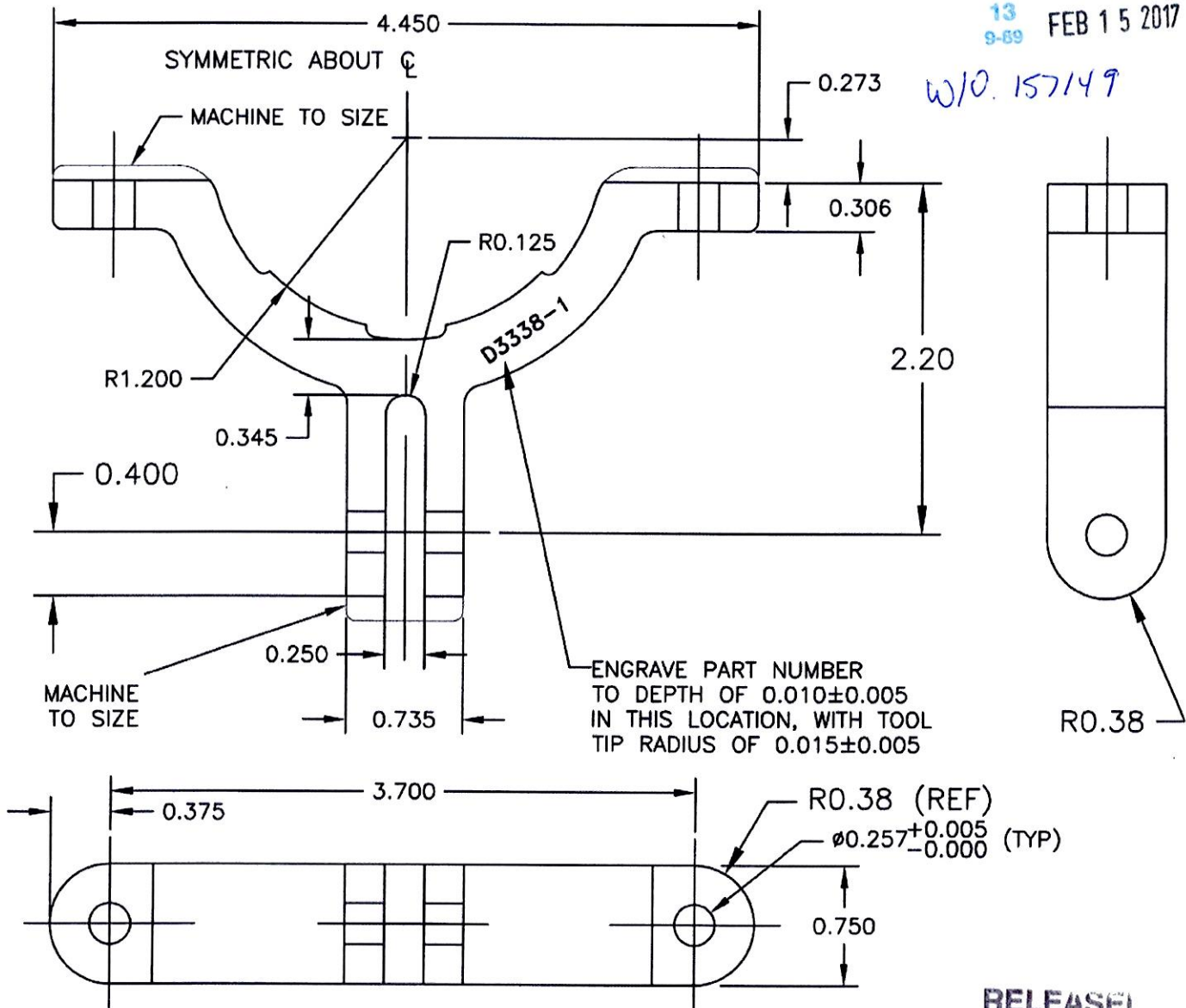
DART

DESIGN PH	DRAWN BY PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3338	REV. A SHEET 1 OF 1
DATE 04.11.03		TITLE MOUNTING LUG	SCALE 1:1
A	04.11.03	NEW ISSUE	

DAS
13
9-89

FEB 15 2017

W/O. 157149

**D3338-1 NOTES**

- 1) MAKE FROM EXTRUSION D2423
- 2) BREAK ALL EDGES 0.000-0.015
- 3) FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

RELEASE

04.12.16

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35323**

Purchase Order Date 2/15/2017

PO Print Date 2/15/2017

Page Number 1 of 2

Order From :
METEC METAL TECHNOLOGY INC.
20 TERRY FOX DRIVE PO BOX 781
VANKLEEK HILL, ON K0B 1R0
CA

VC-MET003

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FEB 15 2017

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613 678 3957	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 10
Ship To Phone		Currency	CAD
Ship Via:	Dart Truck	FOB	Destination-Collect
Ship Acct:			

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	D3338-1P	Mounting Lug	3/6/2017		20.00	\$20.60	\$412.00
			No		Each		
			3/6/2017				
	AS PER DWG D3338 REV. A B157149						
						Line Total:	\$412.00
2	71401-45	PROCUREMENT QUALITY CLAUSES	3/6/2017		1.00	\$0.00	\$0.00
			No				
			3/6/2017				
	Procurement Quality Clauses						
	A004 faa-pma/tso						
	A005 right of entry						
	A007 first article inspection (FAI documentation maintained by supplier)						
	A016 personnel qualification						
	A026 certification of materila conformance						
	A040 notification of escape clauses						
	A042 dart notification by supplier						
	A043 retention of quality document						

Note:

2/15/2017



20 Terry Fox Drive
Vankleek Hill, Ontario K0B 1R0 , Canada
Tel: (613) 678-3957
Fax: (613) 678-3956

Delivery Slip No.: 21036
Date: Mar 07, 2017
Page: 1

Sold to:	Ship to:
Dart Aerospace Ltd. Att. Linda Lacelle 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7	Dart Aerospace Ltd. Att. Linda Lacelle 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7
Order No.: 35323	Sold By: Walz, Christian D.
Shipped By: your truck	Ship Date: Mar 07, 2017

Description	Unit	Ordered quantity	Shipped quantity	Backorder quantity
✓ D3338-1 Mounting Lug Anodize and Paint as per QSI 005	Each	20	20	
The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.				
Received by <u>Sp1703-8</u>		Thank you for your order!		



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

QUANTITY

PART NUMBER

PART NAME

P.O. NUMBER

20

D3338-1

Mounting Lug

35323

Paint Batch # 20902

MATERIAL: supplied by DART B148835

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.


Shigi Walz

Vankleek Hill, March 7, 2017